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500.43116X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): K. SUZUKI, et al

Serial No.: 10/659,398

Filed: September 11, 2003

For: DISK ARRAY APPARATUS AND METHOD FOR CONTROLLING
THE SAME

Group: 2186

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97 & 1.98**

MS Amendment

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

November 18, 2004

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of a communication from a foreign patent office in a counterpart foreign application and copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of a first office action on the merits.


Each of the documents listed on the attached form equivalent to Form PTO-1449 is in the English language.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus Deposit Account No. 01-2135 (500.43116X00) please credit any excess fees to such deposit account.

Respectfully submitted,

CIB/jdc
(703) 312-6600



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FORM PTO-1449 U.S. Department of
Commerce (Rev. 4/92) Patent and Trademark
Office

ATTY. DOCKET NO.

SERIAL NO.

500.43116X00

10/659,398

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

APPLICANT
K. SUZUKI, et al

FILING DATE
September 11, 2003

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 8 1 2 7 5 4	9/98	Lui et al			
	5 8 2 2 7 8 2	10/98	Humliceck et al			
	6 4 4 9 7 0 9	9/02	Gates			
2 0 0 2	0 0 6 2 3 8 7	5/02	Yatziv			
2 0 0 2	0 0 6 2 4 5 4	5/02	Fung			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO
1 0 0 1 3 4 5	5/00	European			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])